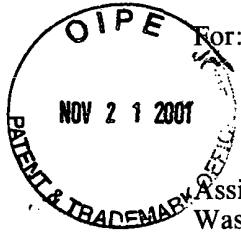


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
)
Philip S. RUSSELL et al.) Group Art Unit: (Unassigned)
)
Application No.: 09/890,793) Examiner: (Unassigned)
)
Filing Date: August 3, 2001)
)
For: IMPROVEMENTS IN OR RELATING TO)
PHOTONIC CRYSTAL FIBRES)



INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. A copy of an International Search Report was filed with the application. A copy of a British Search Report from a corresponding foreign application is enclosed.

The Examiner's attention is also directed to copending application, Serial No. 09/980,802, a copy of which is also enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a prior art search has been made.

In addition, the filing of this Information Disclosure Statement shall not be construed to be an admission that each of the references submitted herewith is in fact prior art with respect to the present application, or that each of the references is considered to be material to patentability as defined in § 1.56(b).

The documents are being submitted within 3 months of the filing and before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: 11-21-01

By: William C. Rowland
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Philip S. RUSSELL et al.

Group Art Unit: (Unassigned) 2874

Application No.: 09/890,793

Examiner: (Unassigned)

Filing Date: August 3, 2001

For: IMPROVEMENTS IN OR RELATING TO
PHOTONIC CRYSTAL FIBRES

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(d), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: 11-21-01

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Substitute for form 1449A/PTO

ATTORNEY'S DKT NO.
000035-035APPLICATION NO.
09/890,793

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT
Philip S. RUSSELL et al.FILING DATE
August 3, 2001GROUP
unassigned

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
O P E NOV 21 2001 PATENT & TRADEMARK OFFICE	4,551,162		Hicks	11-05-1985
	5,802,236		DiGiovanni et al.	09-01-1998
	3,516,239		Kenji Fukuda et al.	06-23-1970
	4,127,398		Singer, Jr.	11-28-1978
	5,309,540		Turpin et al.	05-03-1994

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	99/00685		WO	01-07-1999		
	0 520 653		Europe	12-30-1992		
	00/37974		WO	06-29-2000		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	J.C. Knight, T.A. Birks, D.M. Atkin and P. St. J. Russell, "Pure silica single-mode fibre with hexagonal photonic crystal cladding" OFC '96 Postdeadline paper, OFC '96 Proceedings PD3-1, San Diego (1996) pp. 1-4
	J.C. Knight, T.A. Birks, P. St. J. Russell and D.M. Atkin, "All-silica single-mode optical fiber with photonic crystal cladding", Opt. Lett. 21, pp. 1547-1549 (1996)
	J.C. Knight, T.A. Birks, R.F. Cregan, P. St. J. Russell and J.-P. de Sandro, "Large mode area photonic crystal fibre", Electron. Lett. 34, pp. 1347-1348 (1998)
	T.A. Birks, J.C. Knight and P. St. J. Russell, "Endlessly single-mode photonic crystal fibre", Opt. Lett. 22, pp. 961-963 (1997)
	V.Ramaswamy and W.G. French, "Influence of noncircular core on the polarization performance of single-mode fibres", Electron. Lett. 14, pp. 143-144 (1978)
	Co-pending application Serial No. 09/890,802
Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.